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U.S. Department of Commerce
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FEE TRANSMITTAL

COMPLETE IF KNOWN

Application Number	10/743,749
Filing Date	12/24/2003
First Named Inventor	Young-Hyun KANG
Group Art Unit	2151
Examiner Name	TANG, KAREN C

TOTAL AMOUNT OF PAYMENT \$1,740.00

Attorney Docket Number P56938

METHOD OF PAYMENT (check one)

1. ☒ Payment enclosed:

- ☒ Check # 54708
☐ Money order
☐ Other

2.

☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

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☐ Charge any additional fee required under 37 CFR 1.16 and 1.17

☐ Charge the issue Fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance. 37 CFR 1.311 (b).

FEE CALCULATION

ISSUE FEE
PUBLICATION FEE

Fee Code	Fee(s)	Fee Description	Fee Paid
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1501	\$ 1,440.00	Utility Issue fee	\$ 1,440.00
2501	\$ 720.00	Utility Issue fee	0.00

1504	\$300.00	Publication fee	\$300.00
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TOTAL: \$1,740.00

submitted by: Robert E. Bushnell, Attorney-at-Law Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005-1202

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell	Payor No. <u>008439</u>	Reg. No.	27,774
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Signature		Date	September 4, 2008	Deposit Account User ID
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REB/syk



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Young-Hyun KANG

Serial No.: 10/743,749

Examiner: TANG, KAREN C

Filed: 12/24/2003

Art Unit: 2151

For: METHOD FOR BATCH REGISTRATION OF INTEGRATED DIGITAL LOOP
CARRIER SUBSCRIBER USING PROGRAM LOADED DATA OF EXCHANGE,
AND ELEMENT MANAGEMENT SYSTEM ...

ISSUE FEE TRANSMITTAL

Mail Stop: ISSUE FEE

Commissioner for Patents

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies a signed Issue Fee Transmittal, PTOL-85B, and Applicant's check drawn to the order of the Commissioner of Patents & Trademarks in the amount of U.S. \$1,740.00, including PUBLICATION fee of \$300.00.

Respectfully submitted,

Robert E. Bushnell

Attorney for Applicant

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Folio: P56938

Date: September 4, 2008

REB/syk

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: MailMail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590

06/04/2008

Robert E. Bushnell
Suite 300
1522 K Street, N.W.
Washington, DC 20005



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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,749	12/24/2003	Young-Hyun Kang	P56938	8926

TITLE OF INVENTION: METHOD FOR BATCH REGISTRATION OF INTEGRATED DIGITAL LOOP CARRIER SUBSCRIBER USING PROGRAM LOADED DATA OF EXCHANGE, AND ELEMENT MANAGEMENT SYSTEM SERVER FOR THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	09/04/2008
EXAMINER	ART UNIT	CLASS-SUBCLASS	09/05/2008 CNGUYEN3 00000027 10743749			
TANG, KAREN C	2151	709-220000	01 FC:1501		1440.00 OP	
			02 FC:1504		300.00 OP	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Robert E. Bushnell, Esq.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Samsung Electronics Co., Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Suwon-si, Gyeonggi-do, Korea

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Robert E. Bushnell
Robert E. Bushnell

Date 4 September 2008

Typed or printed name

Registration No. 27,774

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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